

[OPTICAL DISC DRIVE SYSTEM FOR RECORDING AT A CONSTANT ANGULAR VELOCITY]

Abstract of Disclosure

An optical disc system for recoding data onto an optical disc while the optical disc is rotating at a constant angular velocity. The optical disc system includes a PLL for extracting a carrier frequency of a wobble signal outputted from an optical pick-up, a channel synthesizer electrically connected to the PLL for generating a channel clock according to the carrier frequency and a rotating factor of a spindle motor, a data encoder for encoding inputted data according to the channel clock, and a driving circuit for controlling the optical pick-up to record data onto the optical disc according to the encoded data.

Figures